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Kathleen A. Nimrichter

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**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of : Yuzuru Suzuki et al.  
For : STEPPING MOTOR  
Serial No. : Unknown  
Filing Date : Herewith  
Attorney Docket No. : SZI 2 0018  
  
Cleveland, Ohio 44114  
October 25, 2001

Assistant Commissioner For Patents  
Washington, D.C. 20231

**PRELIMINARY AMENDMENT**

Dear Sir:

Prior to examination of the above-captioned patent application, please amend the application as follows:

**IN THE CLAIMS:**

Please amend claim 3 as follows:

3. The stepping motor according to claim 1, wherein one pair of the S pole and the N pole in which the width of the S pole is set to be smaller than the width of the N pole and another pair of the S pole and the N pole in which the width of the S pole is set to be larger than the width of the N pole are alternately arranged.

Please add new claim 4 as follows:

4. The stepping motor according to claim 2, wherein one pair of the S pole and the N pole in which the width of the S pole is set to be smaller than the width of the N pole and another pair of the S pole and the N pole in which the width of the S pole is set to be larger than the width of the N pole are alternately arranged.

TOKUYA SHIBATA

REMARKS

This application basis its priority on Japanese application serial number 329953/2000. The Japanese application, and its English translation, include a multiply dependent claim. Applicant takes this opportunity to remove the multiple dependency from the claims being submitted to the U.S. Patent and Trademark Office.

In addition, applicant hereby adds a new dependent claim 4.

Prompt and favorable examination of pending claims 1-4 is respectfully requested.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & MCKEE, LLP

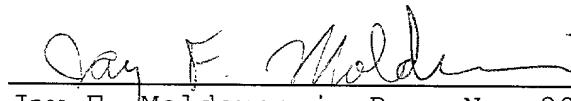
  
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EXHIBIT A

Version with Markings to Show Changes Made

IN THE CLAIMS:

Please amend claim 3 as follows:

3. (Amended) The stepping motor according to claim 1 [or 2], wherein one pair of the S pole and the N pole in which the width of the S pole is set to be smaller than the width of the N pole and another pair of the S pole and the N pole in which the width of the S pole is set to be larger than the width of the N pole are alternately arranged.  
5

Please add new claim 4 as follows:

4. (New) The stepping motor according to claim 2, wherein one pair of the S pole and the N pole in which the width of the S pole is set to be smaller than the width of the N pole and another pair of the S pole and the N pole in which the width of the S pole is set to be larger than the width of the N pole are alternately arranged.